

13/09/2007,10564451IIa.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASXY1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HCAPLUS' AT 11:42:17 ON 13 SEP 2007
FILE 'HCAPLUS' ENTERED AT 11:42:17 ON 13 SEP 2007
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	384.64	560.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-56.16	-56.16

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	384.64	560.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-56.16	-56.16

FILE 'REGISTRY' ENTERED AT 11:42:31 ON 13 SEP 2007
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STRUCTURE FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1
DICTIONARY FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

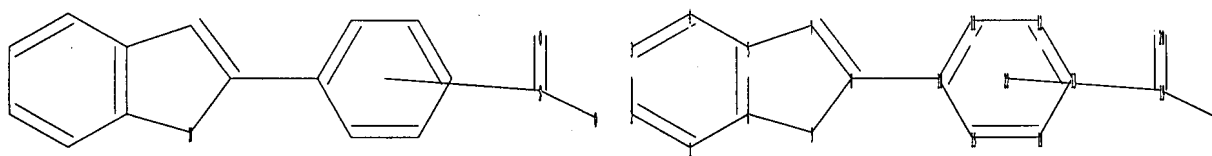
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\105644551IIa.str

13/09/2007,10564451IIa.trn



chain nodes :

19 20 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 19-20 19-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

6-9 8-9 19-20 19-21

exact bonds :

5-7 7-8 8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 : 10 :

G1:O,S,N

G2:O,N

Match level :

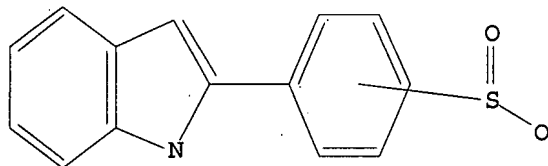
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 20:CLASS 21:CLASS 22:Atom

L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR



G1 O,S,N

G2 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s 17

SAMPLE SEARCH INITIATED 11:43:00 FILE 'REGISTRY'

13/09/2007,10564451IIa.trn

SAMPLE SCREEN SEARCH COMPLETED - 325 TO ITERATE

100.0% PROCESSED 325 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5419 TO 7581
PROJECTED ANSWERS: 6 TO 266

L8 6 SEA SSS SAM L7

=> s 17 full
FULL SEARCH INITIATED 11:43:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6761 TO ITERATE

100.0% PROCESSED 6761 ITERATIONS 164 ANSWERS
SEARCH TIME: 00.00.01

L9 164 SEA SSS FUL L7

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	172.10	732.10
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-56.16

FILE 'HCAPLUS' ENTERED AT 11:43:24 ON 13 SEP 2007
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FILE COVERS 1907 - 13 Sep 2007 VOL 147 ISS 12
FILE LAST UPDATED: 12 Sep 2007 (20070912/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19
L10 26 L9
=> d ed abs ibib hitstr tot

13/09/2007,1056445111.trn

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Welcome to STN International! Enter x:x

LOGINID:SSPTASXY1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAY 01 New CAS web site launched
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS 10 JUN 29 STN Viewer now available
NEWS 11 JUN 29 STN Express, Version 8.2, now available
NEWS 12 JUL 02 LEMBASE coverage updated
NEWS 13 JUL 02 LMEADLINE coverage updated
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names
NEWS 15 JUL 02 CHEMCATS accession numbers revised
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China
NEWS 17 JUL 16 CAPLUS enhanced with French and German abstracts
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 20 JUL 30 USGENE now available on STN
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 22 AUG 06 BEILSTEIN updated with new compounds
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 24 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS 25 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS 26 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 27 AUG 27 USPATOLD now available on STN
NEWS 28 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data

NEWS 29 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 30 SEP 13 FORIS renamed to SOFIS
NEWS 31 SEP 13 INPADOCDB: New SDI frequency MONTHLY available now

NEWS EXPRESS 05 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 SEPTEMBER 2007.

13/09/2007,10564451III.trn

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:52:45 ON 13 SEP 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:52:55 ON 13 SEP 2007

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STRUCTURE FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1

DICTIONARY FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

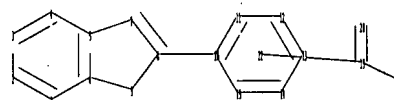
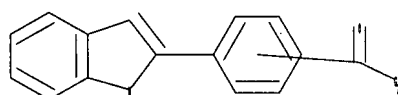
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

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chain nodes :

19 20 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 19-20 19-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15

exact/norm bonds :

6-9 8-9 19-20 19-21

exact bonds :

5-7 7-8 8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 : 10 :

G1:O,S,N

G2:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 20:CLASS 21:CLASS 22:Atom

L1 STRUCTURE UPLOADED

=> d 11

13/09/2007,10564451IIc.trn

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Welcome to STN International! Enter x:x

LOGINID:SSPTASXY1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HCAPLUS' AT 12:10:33 ON 13 SEP 2007
FILE 'HCAPLUS' ENTERED AT 12:10:33 ON 13 SEP 2007
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	89.52	1133.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-12.48	-88.92

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	89.52	1133.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-12.48	-88.92

FILE 'REGISTRY' ENTERED AT 12:10:46 ON 13 SEP 2007
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STRUCTURE FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1
DICTIONARY FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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conducting SmartSELECT searches.

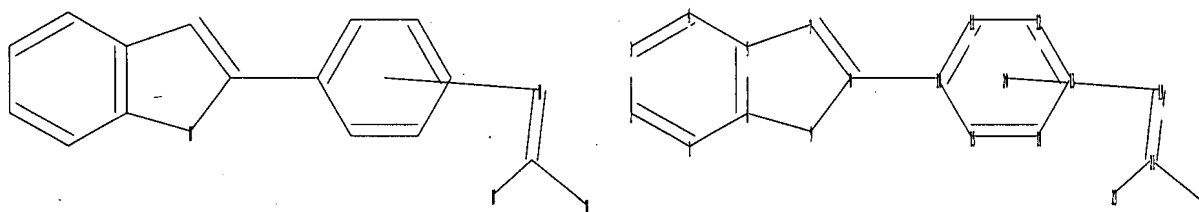
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10564451IIc.str

13/09/2007,10564451IIC.trn



chain nodes :

19 21 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 19-21 21-22 21-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

6-9 8-9 19-21 21-22 21-23

exact bonds :

5-7 7-8 8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 : 10 :

G1:O,S,N

G2:O,N

Match level :

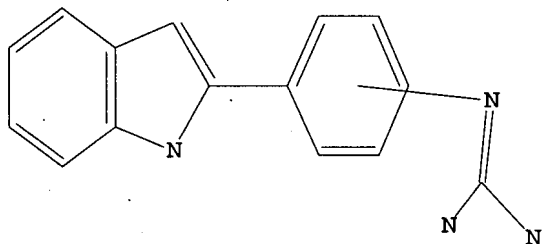
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 20:Atom 21:CLASS 22:CLASS
23:CLASS

L16 STRUCTURE UPLOADED

=> d l16

L16 HAS NO ANSWERS

L16 STR



G1 O,S,N

G2 O,N

13/09/2007,10564451IIc.trn

Structure attributes must be viewed using STN Express query preparation.

=> s l16

SAMPLE SEARCH INITIATED 12:11:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 56 TO 504

PROJECTED ANSWERS: 0 TO 0

L17 0 SEA SSS SAM L16

=> s l16 full

FULL SEARCH INITIATED 12:11:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 310 TO ITERATE

100.0% PROCESSED 310 ITERATIONS

7 ANSWERS

SEARCH TIME: 00.00.01

L18 7 SEA SSS FUL L16

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

1305.89

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-88.92

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FILE COVERS 1907 - 13 Sep 2007 VOL 147 ISS 12

FILE LAST UPDATED: 12 Sep 2007 (20070912/ED)

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13/09/2007,10564451IIb.trn

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Welcome to STN International! Enter x:x

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PASSWORD:

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FILE 'HCAPLUS' ENTERED AT 12:02:31 ON 13 SEP 2007
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	139.62	871.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-20.28	-76.44

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	139.62	871.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-20.28	-76.44

FILE 'REGISTRY' ENTERED AT 12:02:43 ON 13 SEP 2007
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STRUCTURE FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1
DICTIONARY FILE UPDATES: 12 SEP 2007 HIGHEST RN 946827-72-1

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when
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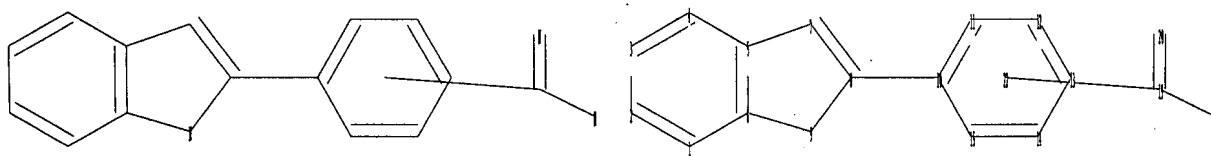
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10564451IIb.str

13/09/2007,10564451IIB.trn



chain nodes :

19 20 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 19-20 19-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

6-9 8-9 19-20 19-21

exact bonds :

5-7 7-8 8-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 : 10 :

G1:O,S,N

G2:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

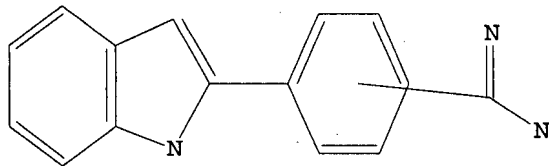
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 20:CLASS 21:CLASS 22:Atom

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



G1 O,S,N

G2 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l11

SAMPLE SEARCH INITIATED 12:03:10 FILE 'REGISTRY'

13/09/2007,10564451IIB.trn

SAMPLE SCREEN SEARCH COMPLETED - 148 TO ITERATE

100.0% PROCESSED 148 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2231 TO 3689
PROJECTED ANSWERS: 8 TO 329

L12 8 SEA SSS SAM L11

=> s l11 full
FULL SEARCH INITIATED 12:03:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2737 TO ITERATE

100.0% PROCESSED 2737 ITERATIONS 167 ANSWERS
SEARCH TIME: 00.00.01

L13 167 SEA SSS FUL L11

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	172.10	1043.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-76.44

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=> s l13
L14 962 L13
=> s l13/P
L15 16 L13/P

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1024	(514/415).CCLS.	USPAT; DERWENT	OR	OFF	2007/09/13 12:30
S2	528	(548/469).CCLS.	USPAT; DERWENT	OR	OFF	2007/09/13 12:30